custom rates
survey summary
1989

PREFACE

As custom and rental agreements are being negotiated, it is useful to know what others are ng or charging for similar services. Since 1977, Alberta Agriculture has annually surveyed cus and rental rates to provide information to farmers and custom operators making custom work an tal decisions.

89-0345

This publication presents a summary of custom work and land rental rates during 1988. T rates are intended only as a guide for 1989. They are not to be interpreted as the rates you mus charge or pay.

This publication is a cooperative endeavor by Alberta Agriculture's Statistics Branch and Farm Business Management Branch. The publication was prepared by Lacey Lambert under the supervision of Garth Nickorick, Farm Business Management Branch from data collected by Maureen Whitlock, Statistics Branch.

THE DEPARTMENT GRATEFULLY ACKNOWLEDGES THE CONTRIBUTION OF THE FARMERS AND CUSTOM OPERATORS WHO WILLINGLY COOPERATED BY PROVIDING INFORMATION ABOUT THEIR CUSTOM AND RENTAL RATES.

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INTRODUCTION

Objective

The Custom Rates Survey Summary began in 1977 as a response to a need for this type of information by farmers, custom operators and agriculturists.

The specific objective of this publication is to organize and report 1988 custom rates for certain custom operations on the farm. No effort was made to evaluate "fairness" of reported rates. The goal was to report what is being charged, not what should be charged.

Sample Size

The reader should note that the sample size is often small and thus, reported rates should only be used as general indications of rates that are being charged for the various custom operations in Alberta. Custom rates in this publication do not replace the necessity to evaluate individual custom operations on their own merit. Custom rates in this publication are not to be interpreted as recommended rates.

Users of Custom Rates Information

Custom rate information can be useful to many people involved in agriculture and other related activities. Farmers may find custom rates useful as a guide for machinery management, budgeting and financial planning for credit needs. Also, custom rates can be useful as a guide in negotiating settlements for work performed for neighbors or others. Lenders, educators, government institutions and others doing budgeting or planning analysis may also find custom rates useful as guides in their work. Custom operators can use these guides to compare their own rate with the market rate in a certain area.

Understanding the Tables

Custom rates for various operations in Alberta are illustrated on pages 4 to 24. The tables are itemized under type of OPERATION surveyed, location where rates apply, most common rates charged in 1987, range of rates charged in 1988 and most common rates charged in 1988. Under the heading LOCATION, six regions were identified. These regions are outlined on the map on page 3. Where the LOCATION is identified as south, central and north, two regions are combined into one location. South consists of Region 1 and 2, Central consists of Region 3 and 4, and North consists of Region 75 and 6.

Custom rates in 1988 for the various operations are shown as RANGE-1988 and MOST COMMON-1988. The rates quoted most often by custom operators are under the heading MOST COMMON-1988. Variations in rates from lowest to highest are under the heading RANGE-1988. The reason for these ranges is due to many factors some of which are listed below.

Lower rates may be influenced by:

a) neighborly work exchange;
b) location of job in relation to home base of custom operator;
c) custom operator's desire to cover variable costs, but not necessarily all fixed costs;
d) use of older equipment which does not reflect current investment cost;
e) the farmer hiring custom services may provide some part of the costs such as: his own labor, meals, fuel, supervision, transportation or other convenience services; and
f) the size of job.

Higher rates may be influenced by:

a) full-time custom operators who are covering all costs;
b) charging what the market will bear;
c) tough jobs requiring extra power, repairs, fuel or time;
d) field conditions such as rocks, rough terrain, obstructions, or high yield crops; and
e) small size jobs.

HOW TO USE CUSTOM RATE INFORMATION

Rates quoted in this publication for the various custom operations are expressed in numerous ways (per hour, ton, tonne, bale, acres, etc.). Before comparing the various custom operations, always choose the appropriate basis in which to compare. For example, grain harvesting may require a per acre cost as compared to corral cleaning where a per hour is more appropriate. When custom rates are given in dollars per hour, a person is advised to always convert to a physical unit cost (bushels, tonnes, acres) that is appropriate to that operation. A low cost per hour can be a very high cost per acre, tonne, etc. Thus, analyzing the rates should be done with care.

Since custom rates quoted in this publication may not suit all custom operators and those hiring custom work, it is advisable to calculate one's own custom costs.

WOOD
BUFFALO
NATIONAL
PARK
PEACE
RIVER
REGION
• FAIRVIEW
6
NORTH
EAST
REGION
4
• BARRHEAD
NORTH WEST
REGION
5
WILLMORE
WILDERNESS
PARK
JASPER
NATIONAL
PARK
VERMILION •
NORTH CENTRAL REGION
• RED DEER
3
BANFF
NATIONAL
PARK
SOUTH CENTRAL REGION
2
• CALGARY
1
SOUTHERN REGION
• LETHBRIDGE
WATERTON LAKES
NATIONAL PARK
Alberta
CANADA
AGRICULTURAL REGIONS
• REGIONAL OFFICE

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Plowing				
	South	--	$18.00-30.00/ac	$18.00-25.00/ac
	Central	--	*$68/h	*$68/h
	North	--	*$75/h	*$75/h
* One Report Surveyed November 1988 Total Reports 7				
Discing - crop or stubble				
	South	$3.50-6.00/ac	$3.50-6.50/ac	$3.50-6.00/ac
	Central	$5.75-9.50/ac	$4.00-5.75/ac	$4.00-5.75/ac
	North	$4.75-7.25/ac	$6.00/ac	$6.00/ac
Surveyed November 1988 Total Reports 12				
Discing - pasture or hay	Alberta	--	$6.25-10.00/ac	$9.25-10.00/ac
* One Report Surveyed November 1988 Total Reports 6				
Cultivating				
	Region 1	$3.50-5.00/ac	$3.50-5.50/ac	$3.50-5.50/ac
	Region 2	$3.00-6.00/ac	$3.00-7.00/ac	$3.75-5.50/ac
	Region 3	$3.50-7.50/ac	$3.00-6.50/ac	$3.00-6.50/ac
	Region 4	$4.25-6.00/ac	$4.75-6.00/ac	$4.75-6.00/ac
	Region 5	$3.50-6.25/ac	$3.30-6.00/ac	$3.30-6.00/ac
Surveyed November 1988 Total Reports 25	Region 6	$4.00-7.00/ac	$5.00-5.50/ac	$5.00-5.50/ac
Harrowing	Alberta	$1.75-2.50/ac	$1.00-3.25/ac	$1.75-2.50/ac
Surveyed November 1988 Total Reports 9				

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Seeding **Drill Disc Air Seeder**	Region 1	$6.00-7.00/ac	$6.00-7.00/ac	$6.00-7.00/ac
	Region 2	$6.25-8.00/ac	$5.50-8.50/ac	$6.00-7.00/ac
	Region 3	$5.50-7.20/ac	$6.00-7.50/ac	$6.00-7.50/ac
	Region 4	*$5.00.ac	$5.00/ac	$5.00/ac
* One Report Surveyed June 1988 Total Reports 23	Region 5	--	*$6.00/ac	*$6.00/ac
	Region 6	$6.00-6.50/ac	$3.75-6.50/ac	$3.75-6.50/ac
Aerial Seeding	Region 1	*$5.00/ac	*$5.00/ac	*$5.00/ac
	Region 2	$3.00-3.50/ac	$3.50-8.50/ac	$6.00-7.00/ac
	Region 3	$3.00-4.50/ac	$3.00-4.50/ac	$3.00-4.50/ac
	Region 4	$3.00-4.10/ac	$3.35-4.10/ac	$3.35-4.10/ac
* One Report Surveyed June 1988 Total Reports 17	Region 5	--	$3.50-4.00/ac	$3.50-4.00/ac
	Region 6	*$2.50/ac	*$2.50/ac	*$2.50/ac
Granular Fertilizer Application	Region 1	$3.00/ac	$2.25-3.25/ac	$3.00/ac
Truck Mount, Floaters & Pull-Type	Region 2	$3.00-3.50/ac	$3.00-4.00/ac	$3.00-3.25/ac
	Region 3	$2.75-3.25/ac	$2.50-3.25/ac	$2.75-3.25/ac
	Region 4	$2.75-3.50/ac	$2.75-3.00/ac	$2.75-3.00/ac
	Region 5	$2.50-3.50/ac	$2.25-3.50/ac	$2.75-3.00/ac
Surveyed June 1988 Total Reports 52	Region 6	$3.00/ac	$3.00-3.25/ac	$3.00/ac
Granular Fertilizer Application **Air Seeder**	South	$6.00-7.00/ac	$3.50-7.00/ac	$4.00-6.50/ac
	Central	$5.00-7.00/ac	$4.50-8.00/ac	$4.50-8.00/ac
	North	$6.00-7.50/ac	$7.50/ac	$6.00-7.50/ac
Surveyed June 1988 Total Reports 14				

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Aerial Granular Fertilizer	Region 1	*$5.00/ac	*$5.00/ac	*$5.00/ac
	Region 2	*$3.00-3.50/ac	$3.50/ac	$3.50/ac
	Region 3	*$4.00/ac	--	--
	Region 4	*$3.60/ac	*$3.75/ac	*$3.75/ac
* One Report Surveyed June 1988 Total Reports 5	Region 5	--	--	--
	Region 6	--	--	--
Liquid Fertilizer Application	Region 1	$3.00-3.85/ac	*$3.75/ac	*$3.75/ac
Floater, Truck Mount, Pull-Type & Fixed Wing	Region 2	$2.00-3.50/ac	$2.00-3.25/ac	$2.00-3.25/ac
	Region 3	--	--	--
	Region 4	$3.00-3.40/ac	$3.25-3.50/ac	$3.00-3.50/ac
* One Report Surveyed June 1988 Total Reports 10	Region 5	*$2.75/ac	*$3.00/ac	*$3.00/ac
	Region 6	$3.00-3.50/ac	$3.00-3.50/ac	$3.00-3.50/ac
Herbicide Application	Region 1	$2.00-2.50/ac	$2.00-3.85/ac	$2.00-2.75/ac
Truck, Floater, Pull-Type	Region 2	$2.50-3.00/ac	$2.00-3.25/ac	$2.75-3.00/ac
	Region 3	$2.50-3.50/ac	$2.10-2.75/ac	$2.10-2.75/ac
	Region 4	$2.50-3.50/ac	$2.00-3.50/ac	$2.75-3.50/ac
* One Report Surveyed June 1988 Total Reports 31	Region 5	*$2.50-2.75/ac	$2.50-3.00/ac	$2.50-3.00/ac
	Region 6	$2.75-3.75/ac	$2.75-3.75/ac	$2.75-3.75/ac
Aerial Herbicide	Region 1	$2.75-3.50/ac @ 1-2 gal	$3.40-3.00/ac 2 gal	$3.40-3.50/ac @ 2 gal
	Region 2	$3.00-3.50/ac @ 1-2 gal	$3.50-3.75/ac 2 gal	$3.50-3.75/ac @ 2 gal
	Region 3	$3.00-3.60/ac @ 1-2 gal	$3.00-3.65/ac 2 gal	$3.00-3.65/ac @ 2 gal
	Region 4	$3.25-3.85/ac @ 1-2 gal	*$3.85/ac 2 gal	*$3.85/ac @ 2 gal
* One Report Surveyed June 1988 Total Reports 9	Region 5	$3.50-4.00/ac @ 1-2 gal	$3.25-4.00/ac 2 gal	$3.25-4.00/ac @ 2 gal
	Region 6	$2.75-3.00/ac @ 1-2 gal	$2.75-3.00/ac 2 gal	$2.75-3.00/ac @ 2 gal

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Grain Swathing				
	Region 1	$5.00-6.00/ac	$3.00-6.50/ac	$5.00-6.50/ac
	Region 2	$4.00-5.00/ac	$4.50-9.00/ac	$4.50-5.75/ac
	Region 3	$5.00-6.00/ac	*$4.25/ac	*$4.25/ac
	Region 4	$4.50-5.00/ac	--	--
	Region 5	$5.00-6.00/ac	$3.60-8.00/ac	$4.50-6.00/ac
* One Report Surveyed September-October 1988 Total Reports 31	Region 6	$3.50-5.00/ac	*$3.50/ac	*$3.50/ac
	Alberta	--	$35-50/h	$35-45/h
Combining				
	Region 1 Dry	$10.00-12.00/ac	$10.00-12.00/ac	$12.00/ac
	Irrigated	$16.00-19.00/ac	$15.00-21.00/ac	$17.00-20.00/ac
	Region 2	$12.00/ac	$12.00-15.00/ac	$12.00-15.00/ac
	Region 3	$100-120/h	$12.00-14.00/ac	$12.00-14.00/ac
	Region 4	$12.00-12.50/ac	$15.00/ac	$15.00/ac
	Region 5	$85-100/h	$12.50-16.50/ac	$12.50-16.50/ac
Surveyed September-October 1988 Total Reports 40	Region 6	-- $75-110/h	$11.00-15.00/ac $70-100/h	$11.00-15.00/ac $70-100/h
Combining and Hauling				
	Region 1 Dry	$12.00-15.00	$10.00-18.00/ac	$11.00-14.00/ac
	Irrigated	$18.00-25.00	$18.00-24.00/ac	$21.00-24.00/ac
	Region 2	$12.00-17.00/ac	$12.00-20.00/ac	$15.00-18.00/ac
	Region 3	$13.00-15.00/ac	$85.00-95.00/h	$85.00-95.00/h
	Region 4	$15.00-16.00/ac	*$15.00/ac	*$15.00
	Region 5	--	$80-125/h	$85-100/h
* One Report Surveyed September-October 1988 Total Reports 39	Region 6	--	$100-120/h	$100-120/h

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Grain Drying (based on wheat)				
	Per Point	.04-.06/pt	--	--
* One Report	Per Hour	*$60/hr	--	--
Surveyed September-October 1988				
Total Reports 0	Per Bushel	$.23-.25/bu	--	--

		0-24 Miles	25-50 Miles	51-100 Miles	Over 100 Miles
Long Distance Grain Hauling					
	Region 1				
22 to 37 tonne trucks	Range	$.12/bu	$.10-.15/bu	$.20/bu	--
	Most Common	$.12/bu	$.10-.15/bu	$.20/bu	--
	Region 2				
	Range	$.06-.12/bu	$.15-.25/bu	$.18-.30/bu	*$.35/bu
	Most Common	$.10-.12/bu	$.15-.25/bu	$.18-.30/bu	*$.35/bu
	Region 3				
	Range	$4.00-6.00/tonne	$6.00-7.00/tonne	$9.50-10.00/tonne	$12.00-15.00/tonne
	Most Common	$4.00-6.00/tonne	$6.00-7.00/tonne	$9.50-10.00/tonne	$12.00-15.00/tonne
	Region 4				
	Range	*$.10/bu	*$.11/bu	*$.17/bu	*$.34/bu
	Most Common	*$.10/bu	*$.11/bu	*$.17/bu	*$.34/bu
	Region 5				
	Range	*$4.00-4.25/tonne	*$8.00/tonne	--	--
	Most Common	*$4.00-4.25/tonne	*$8.00/tonne	--	--
* One Report	Region 6				
Surveyed September-October 1988	Range	$6.00/tonne	*$7.00/tonne	$8.00-9.00/tonne	$11.00-12.00/tonne
Total Surveyed 71	Most Common	$6.00/tonne	*$7.00/tonne	$8.00-9.00tpmne	$11.00-12.00/tonne

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Cutting & Conditioning Hay				
	Region 1	$8.50-10.00/ac	$8.00-10.00/ac	$8.00-10.00/ac
	Region 2	$7.50-9.00/ac	$6.25-15.00/ac	$7.00-10.00/ac
	Region 3	$6.00-8.50/ac	$6.00-8.00/ac	$6.00-8.00/ac
	Region 4	*$10.00/ac	*$8.00/ac	*$8.00/ac
	Region 5	*$7.00/ac	*$6.00/ac	*$6.00/ac
* One Report Surveyed July 1988 Total Reports 17	Region 6	*$4.00/ac	--	--
Baling				
Small Square	Region 1	$.30-.35/bale	$.30-.40/bale	$.30-.40/bale
	Region 2	$.30-.35/bale	$.30-.40/bale	$.30-.40/bale
	Region 3	*$.35/bale	--	--
	Region 4	--	*$.30/bale	*$.30/bale
* One Report Surveyed July 1988 Total Reports 11	Region 5	$.25-.40/bale	--	--
	Region 6	--	--	--
Stacking and Hauling				
Small Square Bales	South	$.30/bale	$.20-.40/bale	$.25-.30/bale
Less Than 1 Mile * One Report	Central	$.24-.27/bale	$.20-.27/bale	$.20-.27/bale
Surveyed July 1988 Total Reports 15	North	*$.25/bale	--	--
Large Square				
	Alberta	--	$10.00-12.00/bale	$10.00-12.00/bale
* One Report Survey July 1988 Total Reports 3				

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON 1987	RANGE 1988	MOST COMMON 1988
Baling				
Round Bales	Region 1	$6.00-6.50/bale	$5.00-7.00/bale	$5.00-6.50/bale
	Region 2	$5.00-6.00/bale	$5.00-8.00/bale	$5.00-6.50/bale
	Region 3	$4.50-6.00/bale	$5.00-6.50/bale	$5.00-6.00/bale
	Region 4	$5.00/bale	$4.50-7.00/bale	$4.50-7.00/bale
	Region 5	$4.00-5.50/bale	$4.00-5.00/bale	$4.00-5.00/bale
Surveyed July 1988 Total Reports 39	Region 6	$5.00/bale	$5.00-6.00/bale	$5.00-6.00/bale
Stacking & Hauling Round Bales Less Than 1 Mile	South	$2.00-3.00/bale	$1.00-2.50/bale	$1.00-2.50/bale
	Central	$1.00-2.00/bale	$1.00-2.00/bale	$1.00-1.75/bale
Surveyed July 1988 Total Reports 10	North	--	--	--
Cutting - Silage	Alberta	$5.00-8.50/ac	$3.50-12.00/ac	$5.75-8.00/ac $35-40/h
Surveyed August 1988 Total Reports 13				
Chopping Silage (Wet Tonne) Tractor and Harvester	Alberta	$2.25-5.75/tonne $70-130/h	$3.00-6.50/tonne $95-125/h	$3.35-6.00/tonne $95-125/h
Surveyed August 1988 Total Reports 9				
Hauling Silage Truck and Operator 1 mile haul	Alberta	$25-35/h *$2.20/tonne	$20-45/h $1.10-6.25/tonne	$25-35/h $2.20-4.00/tonne
* One Report Surveyed August 1988 Total Reports 20				

RATES SURVEYED

		MOST COMMON 1987	RANGE 1988	MOST COMMON 1988
Chopping and Hauling (Wet Tonne)				
1-3 Mile Haul	Alberta	$4.60-5.25/tonne	$4.65-7.70/tonne	$5.50-6.50/tonne
Surveyed August 1988				
Total Reports 12				
Packing Silage				
	Alberta	$35-60/h	$42-50/h	$42-50/h
		$1.10-1.70/tonne	$1.10-3.25/tonne	$1.10-3.25/tonne
Surveyed August 1988				
Total Reports 7				
Silage Bagging				
chopping, hauling & bagging				
includes bag	Alberta			
	8' x 150' bag	$1400-1500	$1300-1800	$1300-1800
* One Report	9' x 135' bag	*$1800	*$1800	*$1800
Surveyed August 1988	9' x 200' bag	*$2600	$2550-2600	$2550-2600
Total Reports 12	10' x 150' bag	*$2400	*$2400	*$2400
	10' x 200' bag	*$3200	*$3200	*$3200
Silage Bagging - bagging only				
includes bag	Alberta			
	8' x 150' bag		$700-900	$700-775
* One Report	9' x 135' bag		$900-1000	$900-1000
Surveyed August 1988	10' x 150' bag		*$1400	*$1400
Total Reports 8	10' x 200' bag		*$1800	*$1800
		Under 100 Miles	100-200 Miles	Over 200 Miles
Long Distance Hay Hauling				
	South	$2.00-4.00/loaded mile		
	[illegible]	[illegible]	[illegible]	[illegible]
* One Report				
Surveyed July 1988				
Total Reports 13				

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Grain Processing - Grinding				
Per Tonne	Region 1	$13.00-15.00/tonne	$13.00-20.00/tonne	$13.00-20.00/tonne
	Region 2	$10.00-22.00	$10.00-22.00	$10.00-22.00
	Region 3	$8.80-12.00	$10.00-12.00	$10.00-12.00
	Region 4	*$14.00	$10.50-14.00	$10.50-14.00
	Region 5	$8.00-12.00	$8.00-12.50	$8.00-12.50
* One Report				
Surveyed January 1989	Region 6	*$13.00	$12.00-13.00	$12.00-13.00
Total Reports 18				
Grain Processing - Dry Rolling				
Per Tonne	Region 1	$13.00-15.00/tonne	$13.00-20.00/tonne	$13.00-20.00/tonne
	Region 2	$10.00-15.00	$10.00-20.00	$10.00-20.00
	Region 3	$9.00-12.00	$8.00-12.00	$8.00-12.00
	Region 4	*$14.00	$10.00-14.00	$10.00-14.00
	Region 5	$8.00-12.50	$8.00-12.50	$8.00-12.50
* One Report				
Surveyed January 1989	Region 6	*$13.00	$12.00-13.00	$12.00-13.00
Total Reports 19				
Grain Processing - Steam Rolling				
Per Tonne	South	$18.00-24.00/tonne	$20.00-24.00/tonne	$20.00-24.00/tonne
	Central	$22.00-25.00	$22.00-25.00	$22.00-25.00
* One Report				
Surveyed January 1989	North	*$18.00	$18.00	*$18.00
Total Reports 5				

RATES SURVEYED

OPERATION

Feeding

		Yardage	Death Loss	Total Cost/lb Gain
	Backgrounding Calves	Range $.12-.16/day	.50-2.00%	$.55-.69/lb
		Most Common $.12-.15/day	.50-1.50%	$.55-63/lb
	Calves to Finish	Range $.11-.15/day	.50-2.00%	$.55-.70/lb
		Most Common $.12-.15/day	.50-1.50%	$.55-.65/lb
	Yearlings to Finish	Range $.12-.15/day	.25-1.00%	$.55-.65/lb
		Most Common $.13-.15/day	.25-.75%	$.55-.65/lb

Date Surveyed January 1989
Total Reports 31

Livestock Hauling - Alberta

Miles	Possum Belly Liner	Straightliner	Body Truck
0-50 miles	$3.00-3.25/loaded mile	$2.50-2.75/loaded mile	$2.00-2.25/loaded mile
50-100 miles	$2.50-3.25/loaded mile	$2.40-2.75/loaded mile	$2.00-2.25/loaded mile
100-200 miles	$2.50-2.75/loaded mile	$2.25-2.65/loaded mile	$2.00-2.25/loaded mile
200+ miles	$2.25-2.50/loaded mile	$2.25-2.50/loaded mile	$2.00-2.50/loaded mile

Surveyed January 1989
Total Reports 67

Custom Corral Cleaning - Alberta

Type of Equipment	Range 1988	Most Common 1988
Loaders, 3 Spreaders, 4-5 Operators	$150-190/h	$150-190/h
Loader, 2 Spreaders, 2-3 Operators	$100-160/h	$110-145/h
Loader, 1 Spreader, 2 Operators	$76-115/h	$80-100/h

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1987	RANGE - 1988	MOST COMMON - 1988
Fence Construction				
3 & 4 Wires, Labor, Equipment	Alberta	$1100-1400/mi	$900-1200/mi	$1100-1400/mi
Planking, Labor, Equipment		$30.00-45.00/h	*$40.00/h	*$40.00/h
* One Report Surveyed January 1989 Total Report 26				
Fence Removal				
Barbed Wire	Alberta	$400-600/mi	$375-800/mi	$400-600/mi
Surveyed January 1989 Total Reports 10				
Post Pounding				
Equipment and 2 Operators	Alberta	$40.00-55.00/h	$25.00-60.00/h	$40.00-55.00/h
Surveyed January 1989 Total Reports 13				

LAND BREAKING AND CLEARING

The land clearing and breaking survey was conducted in October and November, 1988. Please note that these rates can vary depending on bush type, terrain and equipment used. Rates are based on one pass.

SOUTHERN ALBERTA

OPERATION	EQUIPMENT	COST PER ACRE MOST COMMON 1987	RANGE 1988	MOST COMMON 1988
Brushing and Piling with Dozer Blade	D6 (140-180 h)		*$70/h	*$70/h
	D7, (180-200 hp)	$70-75/h	$60-82/h	$60-82/h
	D8 (225-335 hp)	$80/h	$90/h	$90/h
Repiling		*$23-38/ac	*$25/ac	*$25/ac
		$75-80/h	*$75/h	*$75/h
Ripping		$82.50/h	$80-110/h	$80-110/h
Discing		$24-30/ac	$5-25/ac	$5-25/ac
Rototilling		$75-80/ac	$80-100/ac	$80-100/ac
		$120/h	--	--
Root Raking		$24-27/ac	$90-160/ac	$90-160/ac
Rock Raking		--	--	--
Rock Picking		$35-65/h	*$40/h	*$40/h
Dugouts		[illegible]	$1.00-1.25/$m^3$	*$1.00-1.25/$m^3$
			$60-100/h	$60-100/h
Drainage		--	--	--

* One Report

CENTRAL ALBERTA

OPERATION	EQUIPMENT	MOST COMMON 1987	RANGE 1988	MOST COMMON 1988
Brushing and Piling with Dozer Blade	D6, (140-180 hp)	*$74/h	$65-75/h	$65-75/h
	D7,(180-200 hp)	$75/h	$75-140/h	$75-95/h
	D8	$85-90/h	$75-140/h	$75-95/h
Repiling		$75/h	$55-90/h	$55-90/h
Ripping		$85-90/h	$77-140/h	$85-120/h
Discing		--	--	--
Rototilling		*$70/h	*$180/h	*$180/h
Root Raking		*$35/h	$75-80/h	$75-80/h
Rock Raking		$30-60/h	*$58/h	*$58/h
Rock Picking		$85-90/h	*$75/h	*$75/h
Dugouts		$60-90/h *$1.00/m^3	$50-110/h --	$65-90/h --
Drainage		--	--	--

* One Report

NORTHERN ALBERTA

OPERATION	EQUIPMENT	MOST COMMON 1987	RANGE 1988	MOST COMMON 1988
Brushing and Piling With Dozer Blade	D6 (140-180 hp)	$55-65/h	$60-75/h	$60-75/h
	D7 (180-200 hp)	$70-75/h	$70-78/h	$70-72/h
	D8 (225-335 hp)	$85-90/h	$85-110/h	$85-95/h
Repiling		$70/h	$60-100/h	$60-100/h
Ripping		$90-120/h	$75-130/h	$75-130/h
Discing		$65-75/h $15-18/ac	$50-75/h $15-50/ac	$50-75/h $25-35/ac
Plowing		*$60/h $43-45/ac	$65-1300/h *$40/ac	$72-125/h *$40/ac
Rototilling		*$85/h	--	--
Root Raking		--	$55-130/h	$55-130/h
Dugout		$75-140/h $.70-1.00/$m^3$	$45-110/h $.65-1.00/$m^3$	$75-95/h $.65-1.00/$m^3$
Land Rolling		*$4.50/ac	--	--

* One Report
Surveyed October and November 1988
Total Reports 147

MACHINE RENTAL

[illegible]	Location	[illegible]	[illegible]	Most [illegible]
Anhydrous Ammonia Equipment				
	Region 1	[illegible]		
	Region 2	[illegible]	[illegible]	$65-[illegible]
	Region 3	[illegible]	[illegible]	*$30/tonne
	Region 4	[illegible]		
* One Report Surveyed June 1988 Total Reports 6	Region 5	[illegible]	*$80/tonne	*$80/tonne
	Region 6	$40-80/tonne	$40-80/tonne	$40-80/tonne
Liquid Fertilizer Equipment				
	South	$1.00-1.50/ac	$.50-1.50/ac	$1.00-1.50/ac
* One Report Surveyed June 1988 Total Reports 14	Central	$1.00-1.50/ac	$1.00-1.50/ac	$1.00-1.50/ac
	North	*$1.50/ac	$1.50/ac	$1.50/ac
Herbicide Equipment (Pull-Type)				
	Region 1	$1.00/ac	$1.00/ac	$1.00/ac
	Region 2	$1.00/ac	$.75-1.75/ac	$.75-1.25/ac
	Region 3	$.[illegible]	$.75-1.75/ac	$.75-1.00/ac
	[illegible]	[illegible]	[illegible]	$.75-1.[illegible]/ac
				$.50 [illegible]
				[illegible]

MACHINE RENTAL

EQUIPMENT	LOCATION	MOST COMMON 1987	RANGE 1988	MOST COMMON 1988
Fertilizer Equipment (Pull-Type)				
Granular	Region 1	$1.00-1.50/ac	$.75-1.50/ac	$.75-$1.50/ac
		**$3.50-3.75/ac	***$3.75/ac	***$3.75/ac
		$4.00-6.00/tonne	$4.00-6.00/tonne	$4.00-6.00/tonne
	Region 2	$.50-1.00/ac	$.50-$1.00/ac	$.50-1.00/ac
		**$3.00-3.75/ac	--	--
		$4.00-10.00/tonne	$5.00/tonne	$5.00/tonne
	Region 3	$.50-1.25/ac	$.50-1.25/ac	$.50-1.25/ac
		-	--	--
		$5.00-8.00/tonne	$5.00-8.00/tonne	$5.00-8.00/tonne
	Region 4	$.75-1.50/ac	$.50-1.10/ac	$.50-1.10/ac
		**$2.00-4.00/ac	**$2.00-3.00/ac	**$2.00-3.00/ac
		$3.00-6.00/tonne	$6.00-9.00/tonne	$6.00-9.00/tonne
	Region 5	*$1.00/ac	*$1.00/ac	*$1.00/ac
		**$2.00-2.50/ac	***$2.50/ac	***$2.50/ac
		$5.00-10.00/tonne	$5.00-6.00/tonne	$5.00-6.00/tonne
* One Report	Region 6	--	$1.00-1.25/ac	$1.00-1.25/ac
** Banding Equipment		$1.00/ac	--	--
Surveyed June 1988		--	--	--
Total Reports 35				
Tractors				
	Alberta			
Under 60 PTO hp		$.20/h/PTO hp		$.22/h/PTO hp
60-100 PTO hp		$.18-.20/h/PTO hp		$.20/h/PTO hp
101-180 PTO hp		$.18-.20/h/PTO hp		$.20/h/PTO hp
Over 180		$.18/h/PTO hp		$.20/h/PTO hp
Surveyed January 1989				

LAND LEASING

The major factors that seem to influence the rental rates for land are:

1) The demand for rental land in the area;
2) Variation in the quality and productivity of land;
3) Transactions at arm's length;
4) The dependability of the tenant;
5) The length and terms of the lease or cash rent agreement;
6) Location; and
7) Who's willing to bear the risk.

The rates listed below are broken into major regions of the province. The variability in the price is basically due to the above factors.

CASH RENT CROPLAND

OPERATION	LOCATION	MOST COMMON - 1987	RANGE -1988	MOST COMMON - 1988	AVERAGE 1988
	Region 1				
	Irrigated	$30-60/ac	$22-75/ac	$30-65/ac	$47/ac
	Non Irrigated	$12-26/ac	$9-33/ac	$12-25/ac	$19/ac
	Region 2	$20-35/ac	$10-40/ac	$15-25/ac	$21/ac
	Region 3	$16-30/ac	$7-33/ac	$10-30/ac	$19/ac
	Region 4	$15-30/ac	$4-32/ac	$10-25/ac	$16/ac
	Region 5	$15-30/ac	$4-40/ac	$11-30/ac	$19/ac
April 1988 Total Reports 283	Region 6	$12-20/ac	$4-31/ac	$7-20/ac	$11/ac

LENGTH OF LEASES

YEARS	CASH %	CHANGE FROM 1987 %	CROP SHARE %	CHANGE FROM 1987 %
1	69	+20	57	0
2	4	- 3	4	0
3	16	- 1	19	- 4
4	2	- 3	4	+ 1
5	9	- 8	13	+ 4
>5		- 4	4	> 0

TYPE OF LEASE

REGION %	CASH %	CHANGE FROM 1987 %	CROP SHARE %	CHANGE FROM 1988 %
1	53	+ 2	47	- 2
2	51	+ 4	49	- 4
3	63	+ 5	37	- 5
4	66	+14	29	-14
5	67	+18	33	-18
6+	78	-29	22	-29

CROPSHARE ARRANGEMENTS

Region	Number of Leases	Cropshare Agreement (Per Cent) Landlord	Tenant	Notes
1		25	75	Landlord pays tax & water if irrigated.
	16	33	67	Landlord and tenant split fertilizer
		40	60	and chemicals in 6 of 18 agreements.
	2	50	50	
2	1	17	83	
	3	25	75	Landlord and tenant split fertilizer
	36	33	67	and chemicals in 27 of 48 agreements.
	4	40	60	
	4	50	50	
3	1	25	75	
	20	33	67	Landlord and tenant split fertilizer
	3	50	50	and chemicals in 16 of 24 agreements.
4	2	25	75	
	25	33	67	Landlord and tenant split fertilizer
	1	40	60	and chemicals in 24 of 29 agreements.
	1	50	50	
5		20	80	
		25	75	Landlord and tenant split fertilizer
	16	33	67	and chemicals in 15 of 17 agreements.
	1	50	50	
6	3	20	80	
	6	25	75	Landlord and tenant split fertilizer
	12	33	67	and chemicals in 11 of 22 agreements.
	1	50	50	

Surveyed April, 1988
Total Reports 158

CASH RENT - PRIVATE PASTURE

Location	Most Common - 1987	Range - 1988	Most Common - 1988	Average 1988
Region 1	$9.00-15.00/AUM	$5.83-21.33/AUM	$10.00-15.00/AUM	$12.00/AUM
Region 2	$8.00-15.00/AUM	$4.60-16.67/AUM	$8.00-15.00/AUM	$10.56/AUM
Region 3	$7.00-12.00/AUM	$6.84-20.27/AUM	$11.00-15.00/AUM	$12.61/AUM
Region 4	$5.00-6.00/AUM	$5.00-10.00/AUM	$5.00-10.00/AUM	$6.72/AUM
Region 5	$6.00-10.00/AUM	$6.67-13.19/AUM	$7.00-10.00/AUM	$9.39/AUM
Region 6	$5.65-6.00/AUM	$5.00-16.67/AUM	$5.00-16.67/AUM	$10.25/AUM

Surveyed April 1988
Total Reports 66

PROVINCIAL GRAZING RESERVES

REGION	# OF RESERVES/REGION	TOTAL ACREAGE /REGION	RATE/ AUM 1987	RATE/AUM FOR 1988
Lethbridge	2 (Irrigated)	17,547	12.20	$13.10
	1 (Non-Irrigated)	33,163	9.75	$10.55
Medicine Hat	2 (Irrigated)	45,658	12.20	$13.10
	2 (Non-Irrigated)	152,741	9.75	$10.55
West Central	6	93,501	8.75	$ 9.45
Edmonton	3	66,426	8.75	$ 9.45
St. Paul	5	100,528	8.75	$ 9.45
Peace River	5	120,642	7.27	$ 7.80
Grande Prairie	5	75,493	7.27	$ 7.80

CROWN LAND

REGION	TOTAL ACREAGE	RATE/AUM 1987	RATE/AUM 1988
Southern	3,100,000	$ 2.16	$ 2.46
Central	800,000	$ 1.80	$ 2.05
North	1,800,000	$ 1.08	$ 1.23

POINTS TO CONSIDER IN A CUSTOM HIRING AGREEMENT

Custom hiring is a business arrangement. As in all business arrangements, the agreement should outline the rights and duties of all the parties involved. A written agreement is advisable to avoid misunderstandings in case of a dispute. The following points should be considered in a custom hiring agreement.

Operations: The agreement should provide a description of the exact operations to be performed by the parties and the machines, materials and labor to be supplied by each party.

Timeliness: Significant losses can occur if an operation is not started or completed on time. To facilitate planning, a custom hiring agreement should include a schedule of operations for both parties. Such a schedule would be subject to weather conditions and crop maturity. Reasonable notice should be provided by each party when circumstances alter the schedule for operations.

Rate Schedule: The custom operator, for each operation to be performed, should stipulate his rate on the basis of acreage, time (week, day, hour) or total operation performed.

Payment: The agreement should stipulate the terms of payment for custom operations. The custom operator should bill the client on completion of each custom operation indicating the actual units (acres, hours, etc.) completed, the rate charged per unit, the total charge and the due date for payments.

Down-Time: The parties should consider a clause in the agreement, regarding responsibility for down-time as a result of machine breakdown.

Termination: The agreement should include a clause for a minimum period of notice for termination. A penalty should be stated for unjustified termination of the agreement.

Liability: The parties should consider a clause stipulating the responsibility for liability claims as a result of damage to personal property.

Management: The custom agreement should secure provisions that the custom operator will employ acceptable management practices in his operations.

For additional information and sample agreements for the above, refer to the publication "Custom Farming Agreement", Alberta Agriculture, Agdex 817-10.